ABSTRACT OF THE DISCLOSURE

This invention provides an optical module that enables to reduce an optical coupling loss when an external force is applied to an optical connector mating with the optical module. The present optical module comprises an optical sub-assembly and an optical receptacle having a cavity for receiving the optical connector and a space for receiving the optical sub-assembly. The optical sub-assembly provides a flange in its outer surface and the head portion thereof passes through the partition wall between the cavity and the space. Between the flange of the optical sub-assembly and the partition wall of the optical receptacle provides an O-ring, whereby the head portion of the optical sub-assembly enables to displace in the cavity and automatically recovers its original position.